



KOSHIHIKARI



KASALATH

NUMBER OF SHOOTS/CALLUS WEIGHT (g)

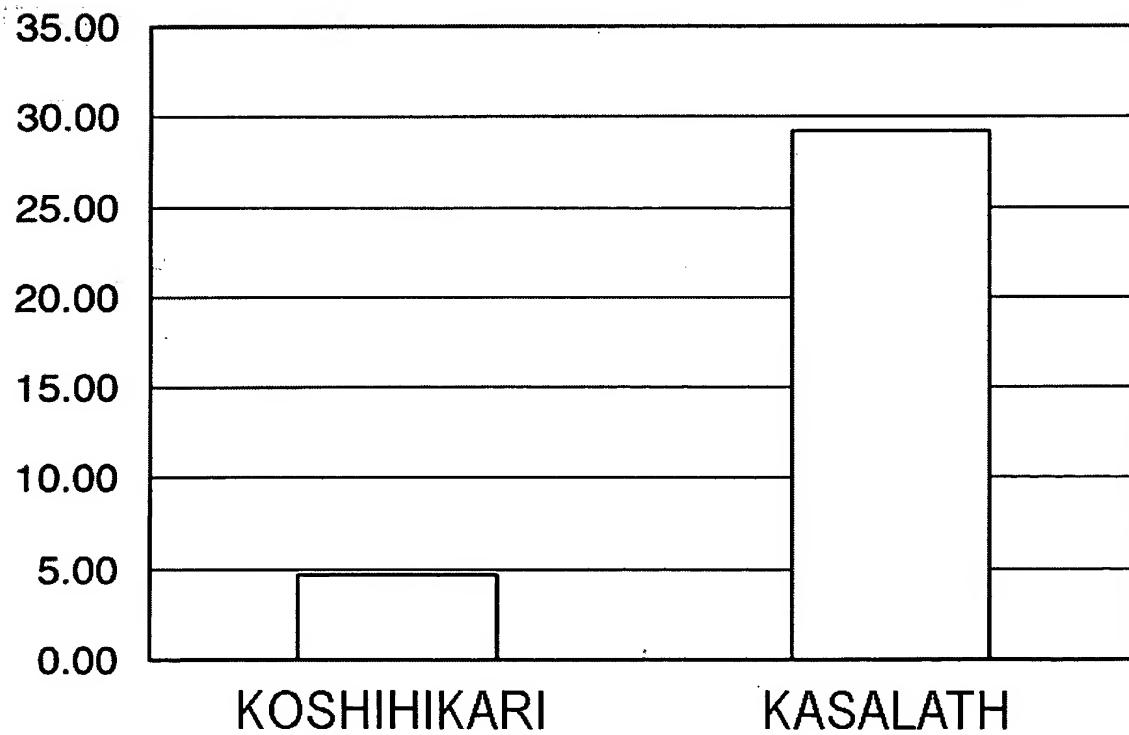


FIG. 1

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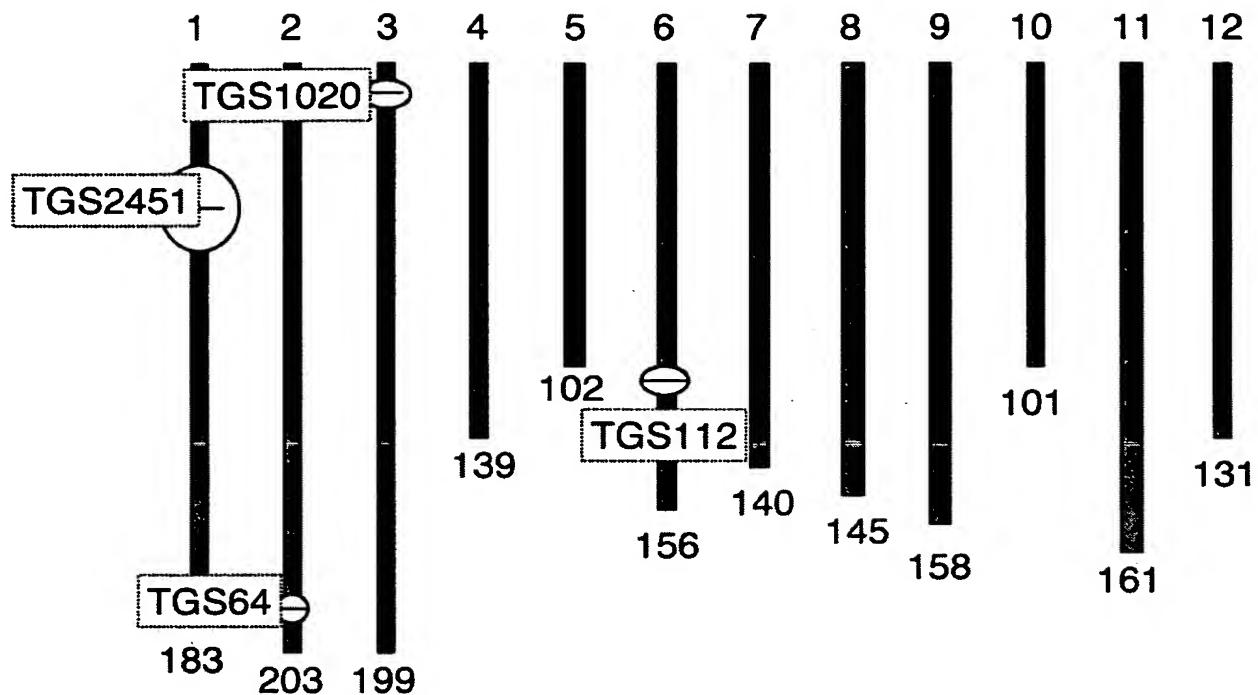


FIG. 2

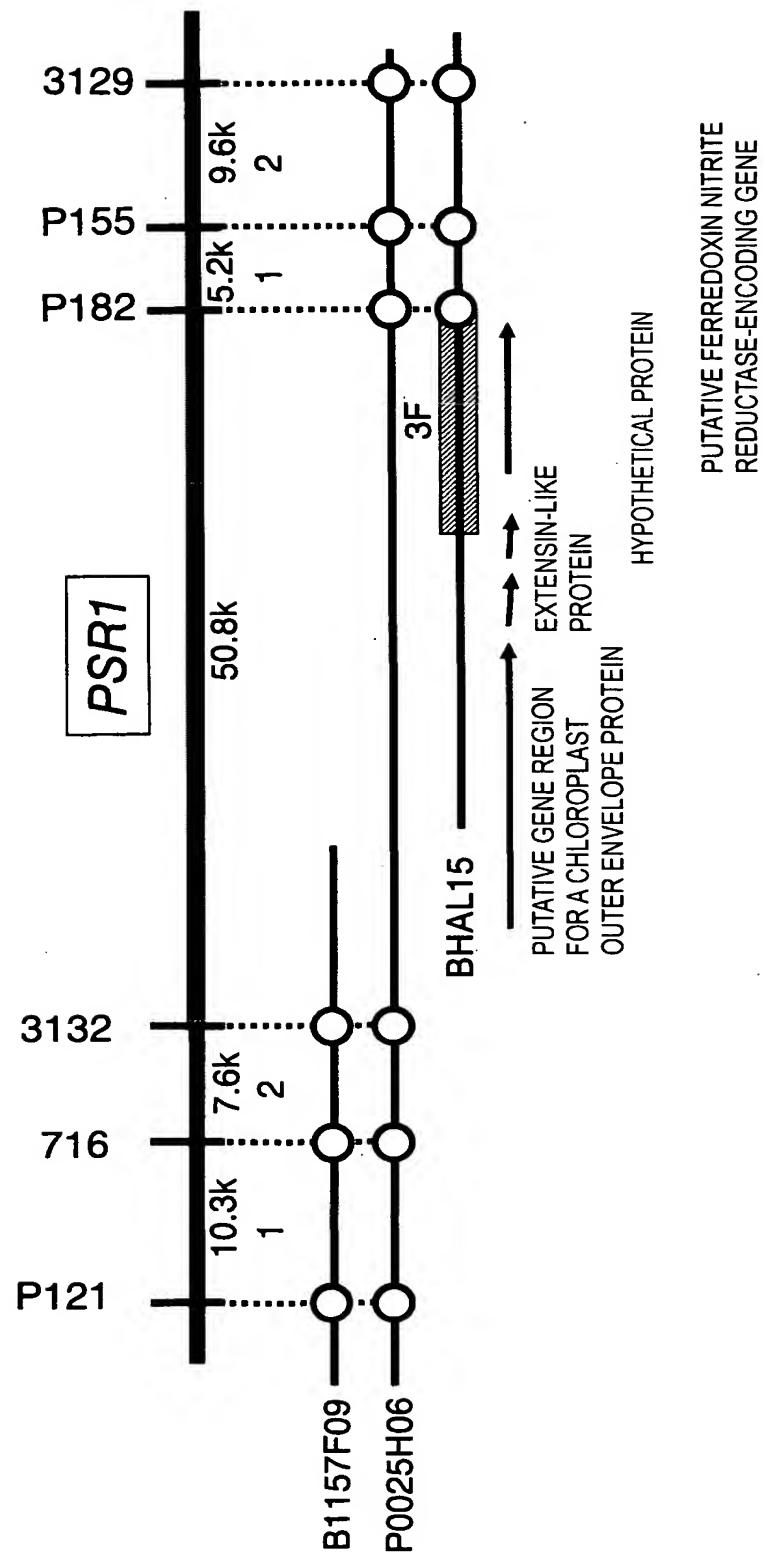
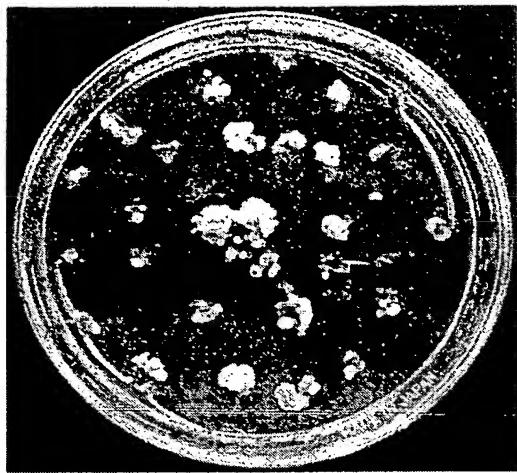


FIG. 3

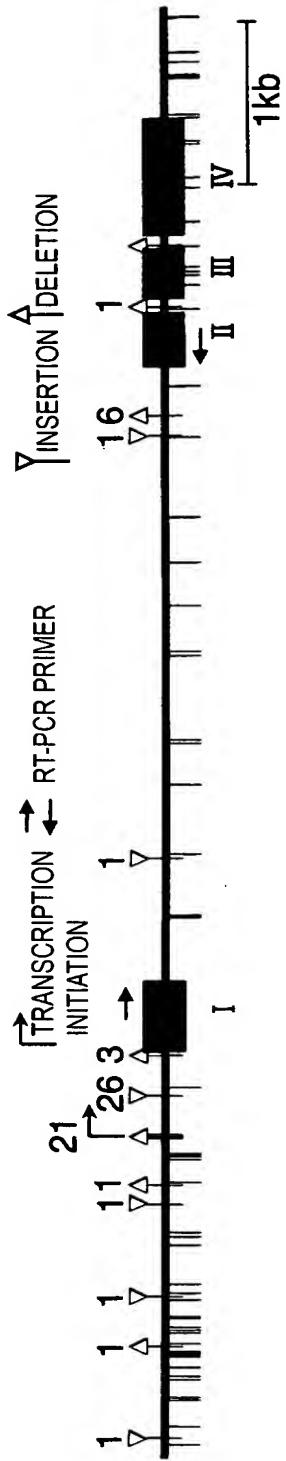


VECTOR



3F

FIG. 4



1	MASSASLQRFLPPYPHAASRCRPPGVARPVQSSSTVAPSSTTPAADEAVSAERLEPRV	60
61	EQREGRYWVLKEKYRTGLNPQEKVKLGEPEPMSLFMEGIGIKELAKMPMEIEADKLSKEDI	120
121	DVRLKWLGLFHRRKH ^Q YGRFM ^M RLKLPGVTTSEQTRYLASVIEAYGKEGGCADVTRQNW	180
181	QIRGVTLPDVPAILDGLNAVGLTSLQSGMDNVRNPNVGNPLAGIDPDEIVDTRSYTNLSS	240
241	YITSNFGGNPTITNLPRKWNVCVIGSHDLYEHPHINDLAYMPAVKGGKFGFNLVGGFIS	300
301	PKRWEALPLDAWVPGDDIIPVCKAVLEAYRDLGTRGNRQKTRMMWLIDELGMEAFRSEV	360
361	EKRM ^P NGVLERAAP ^E DLIDKKWQRRDYLGVHPQKQE ^D MSYVGLHVPVGRVQAADMFLAR	420
421	LADEYGSGELRLTVEQNIIVIPNVKNEKVEALLA ^S EPLLQKFSPQPSLLLKGLVACTGNQFC	480
481	GQAI ^I ETKQ ^R ALLVTSQVEKLVS ^V PRAVRMHWTG ^C PN ^S <u>CG</u> QVQVADIGFMGCLTKDSAGK	540
541	IVEAADIFVGGGRVGSDSHLAGAYKKSSVPCDELAPIVADILVERFFGAVRREEDEE	596

(SEQ ID NO: 3 OR 6)

FIG. 5

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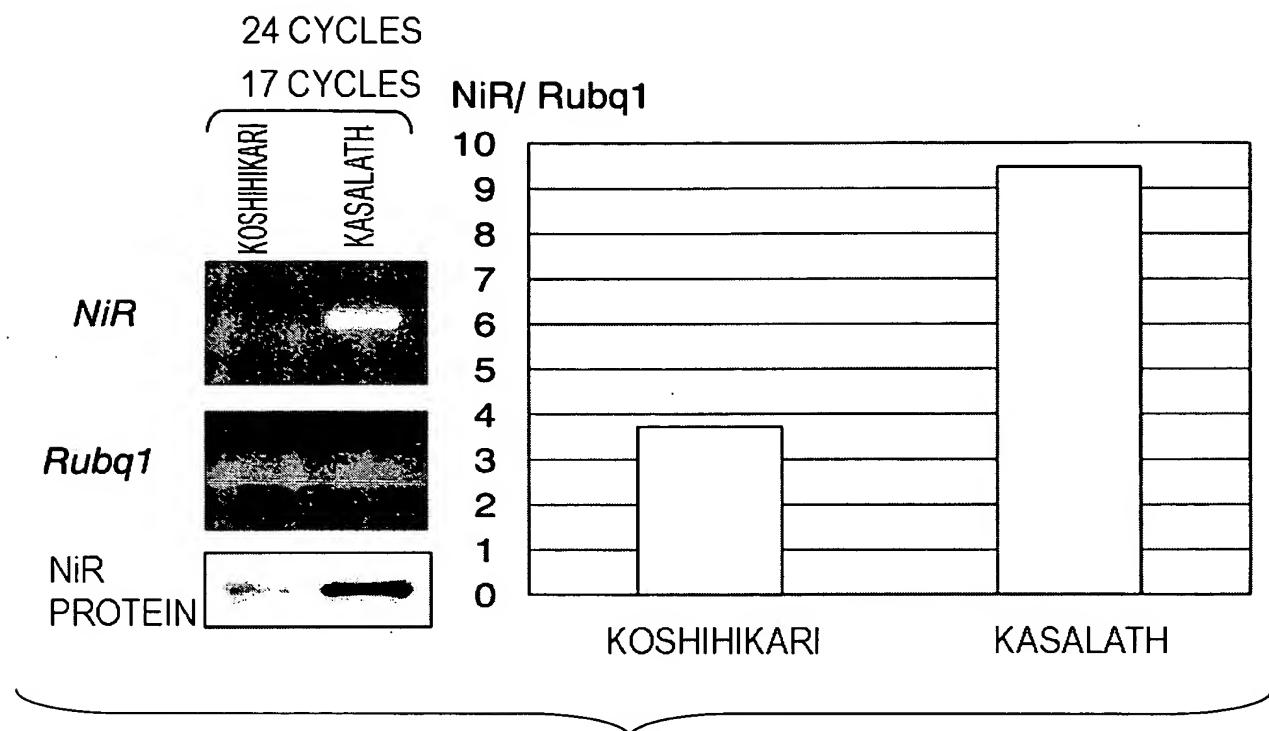


FIG. 6

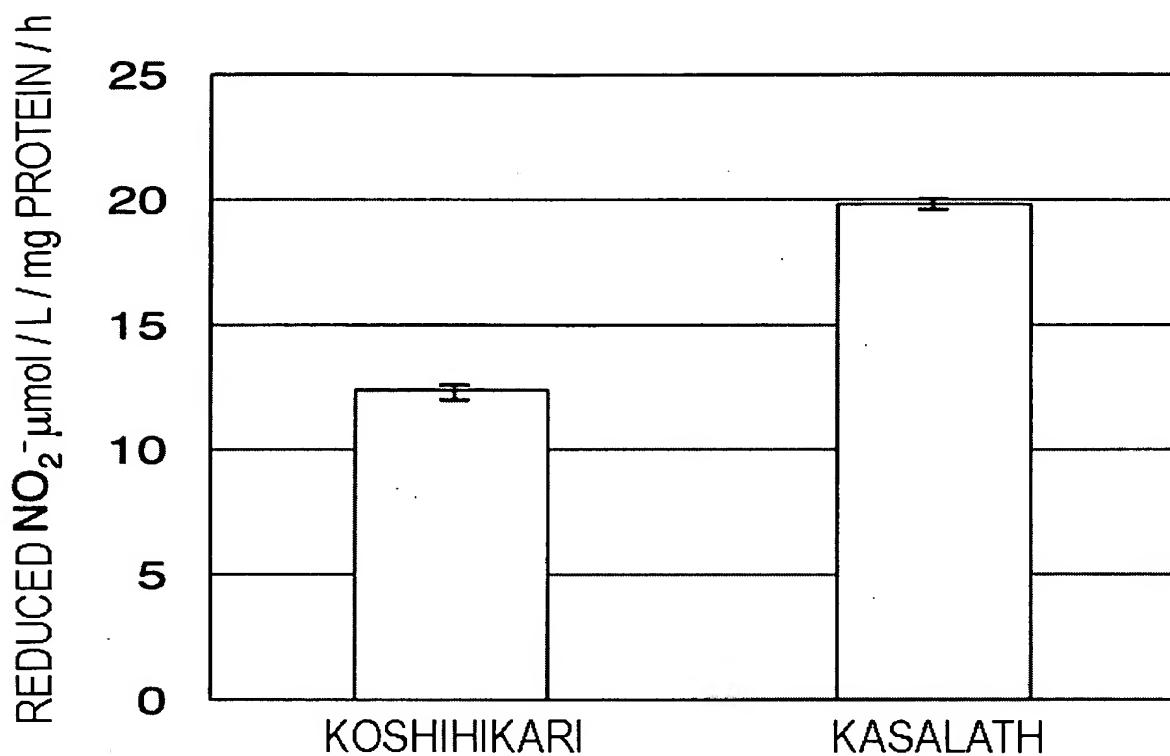


FIG. 7

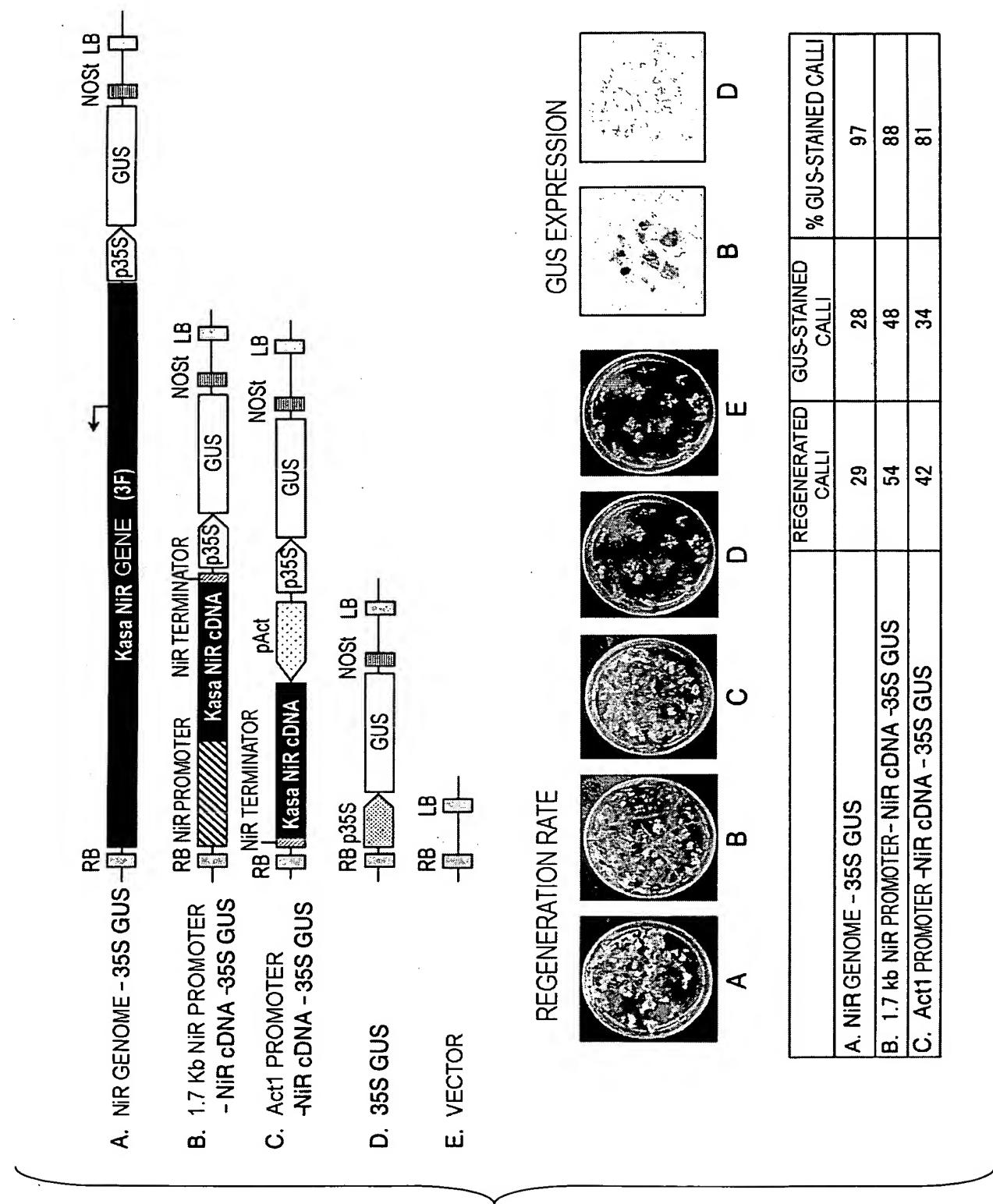
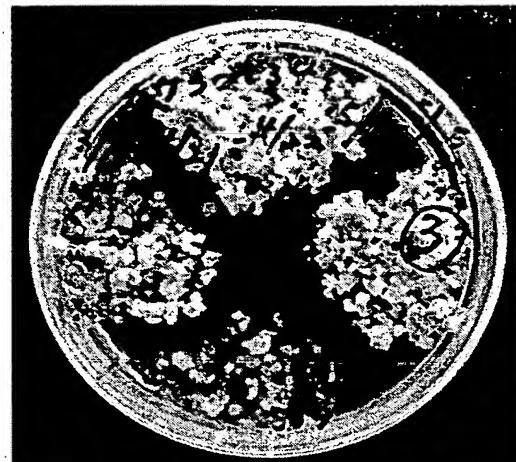


FIG. 8

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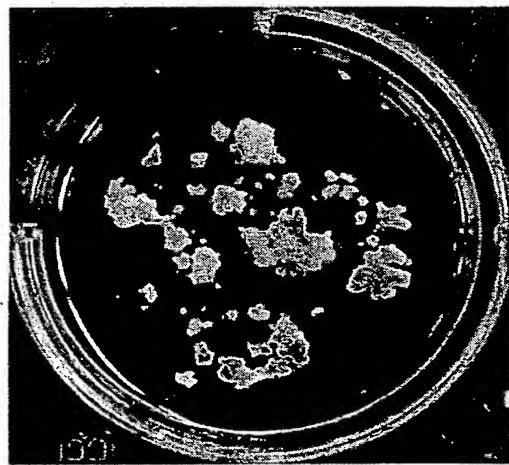
+NaNO₂



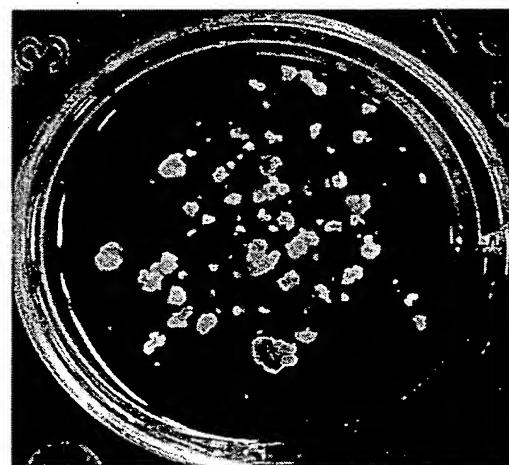
a

b

GUS-STAINED



a



b

FIG. 9

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